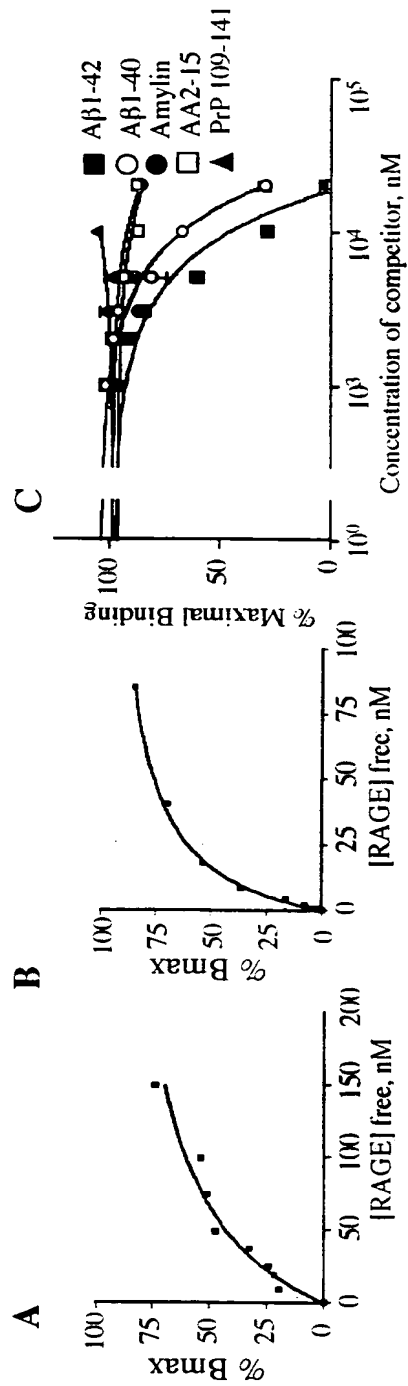


Figure 1A-C



**Figure 1D1-D3**

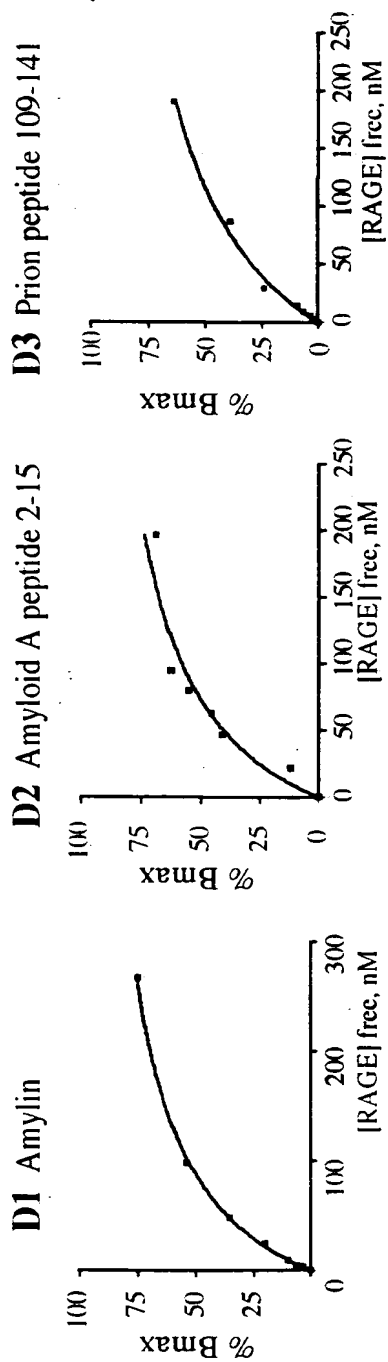
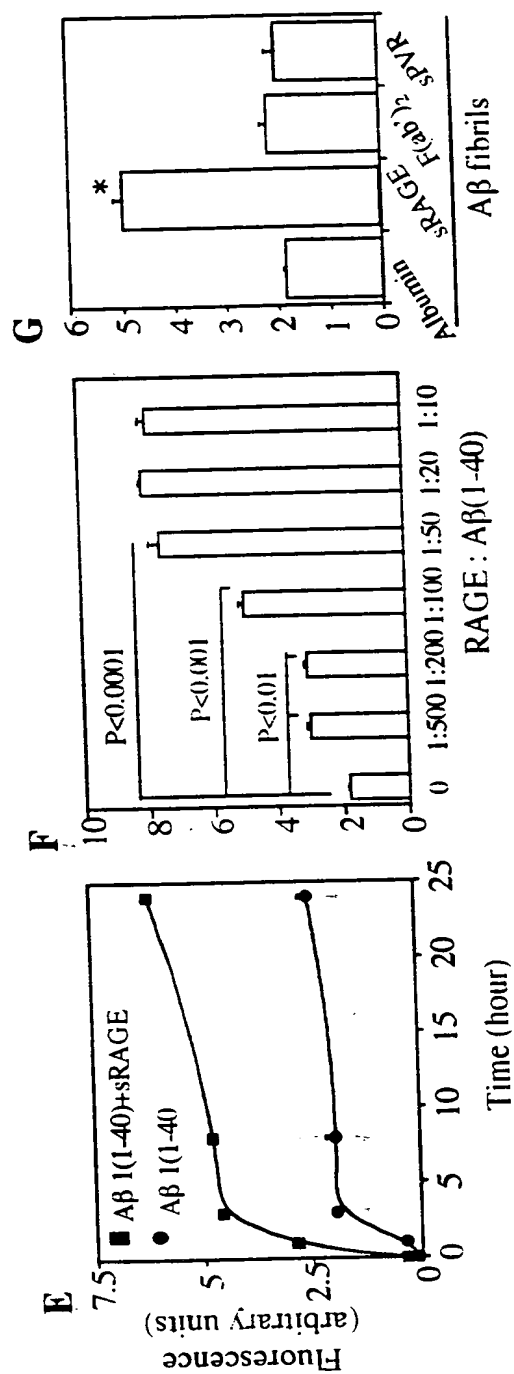


Figure 1E-G



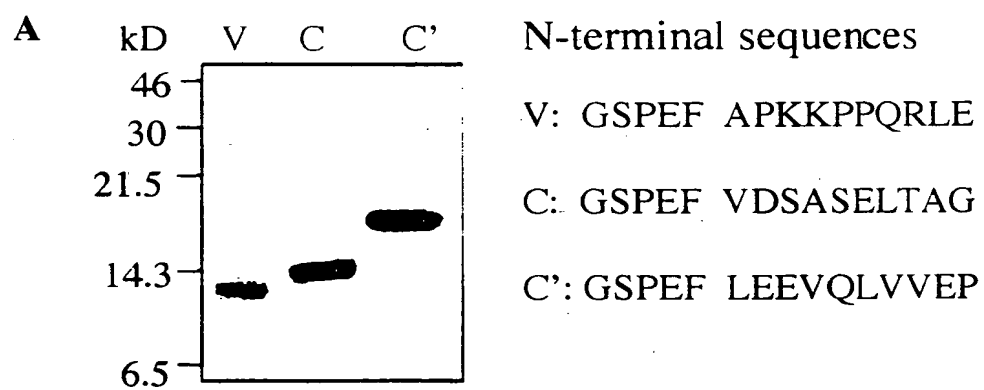
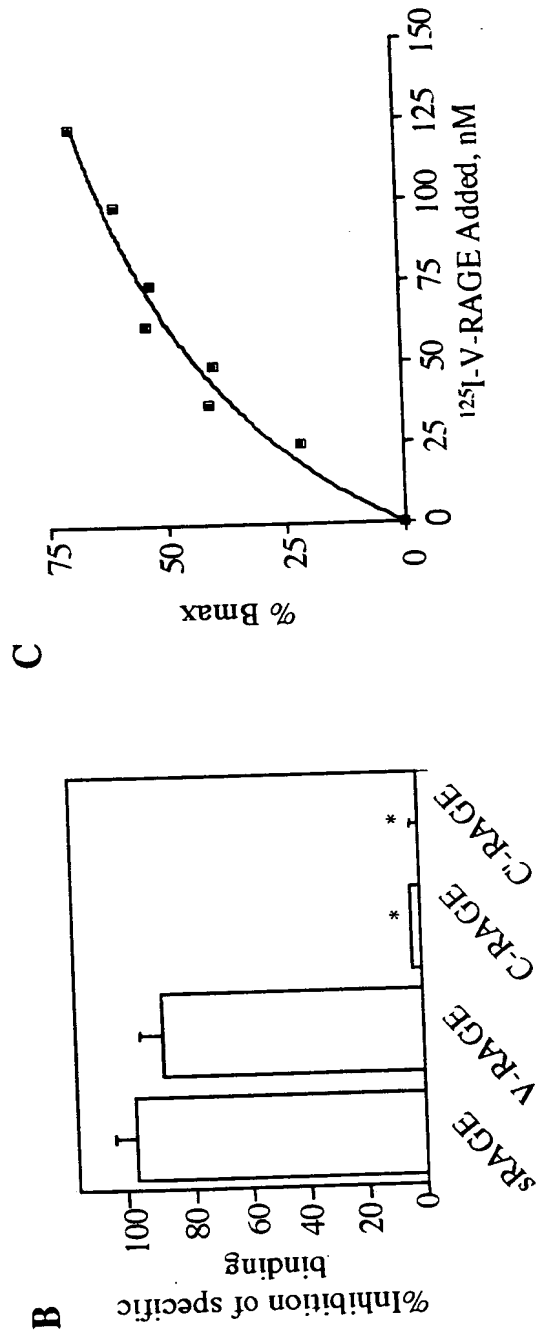


Figure 2B-C



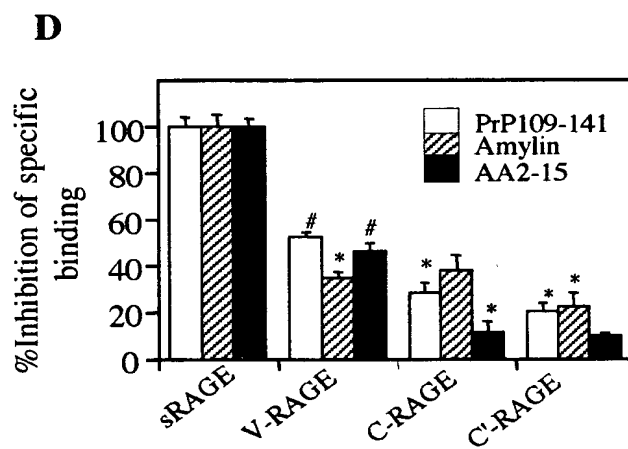


Figure 3A-B

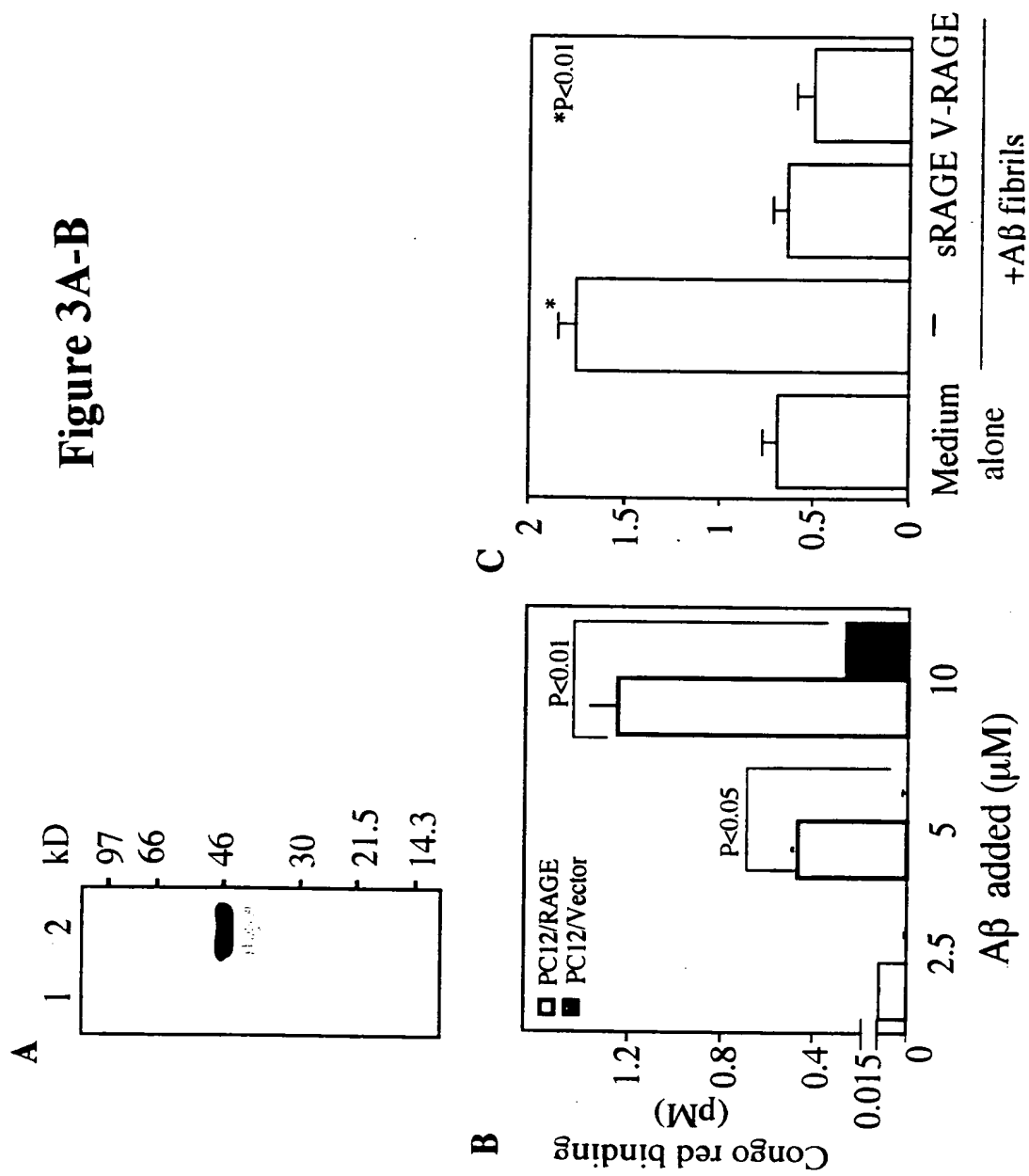
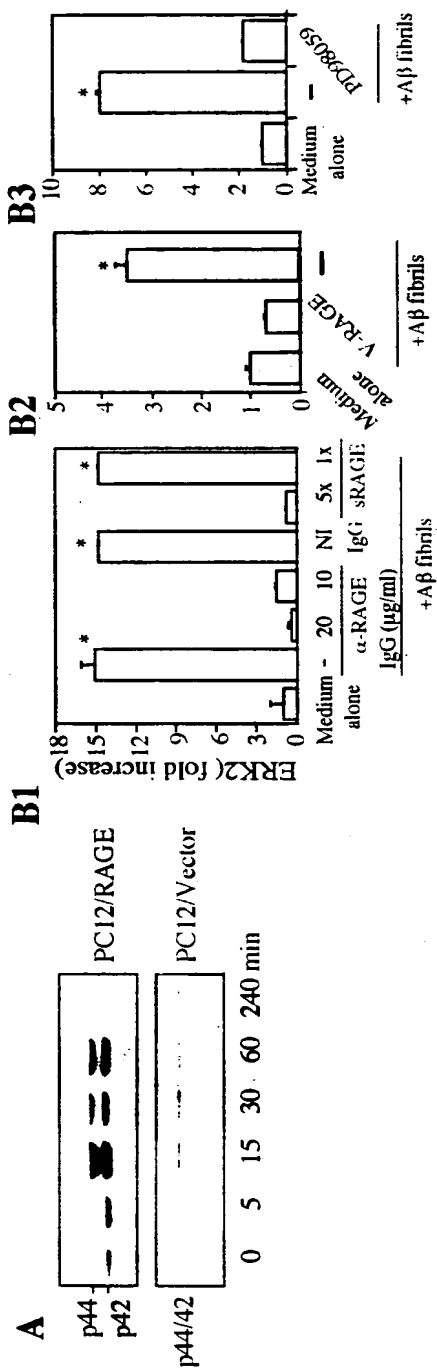


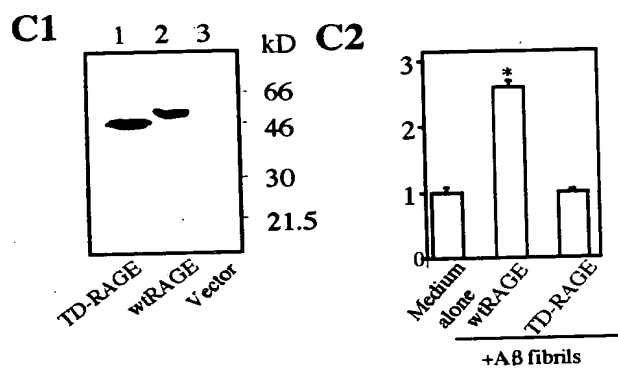
Figure 3D





**Figure 4 A-B3**





**Figure 4 D1-D2**

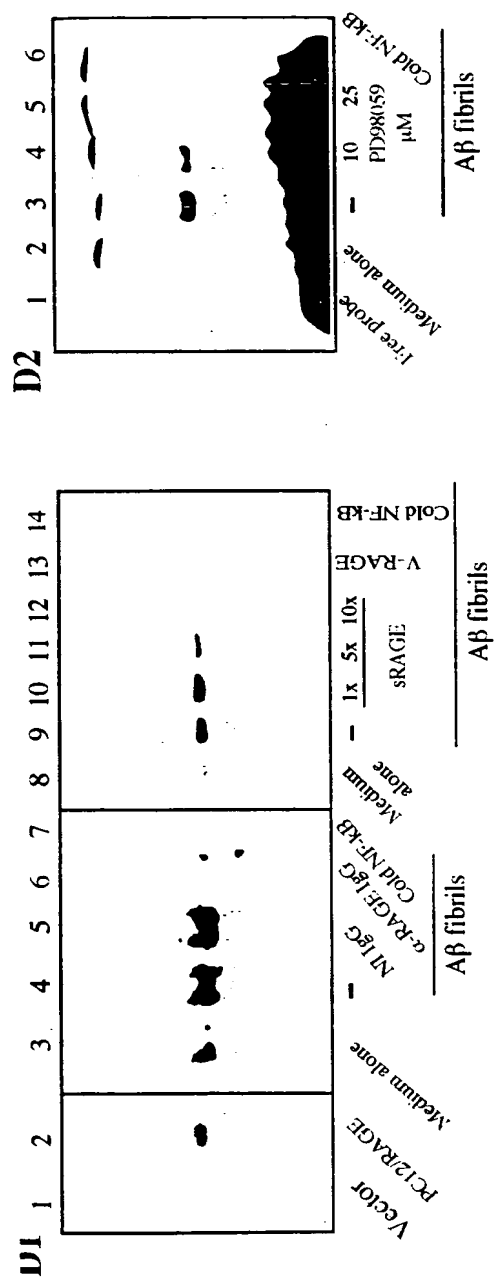


Figure 4 E-G3

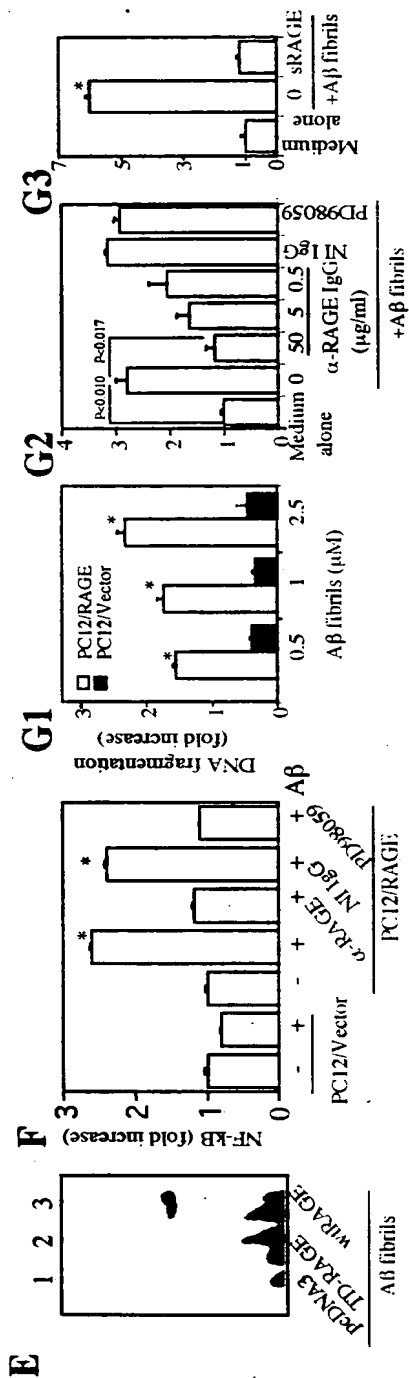
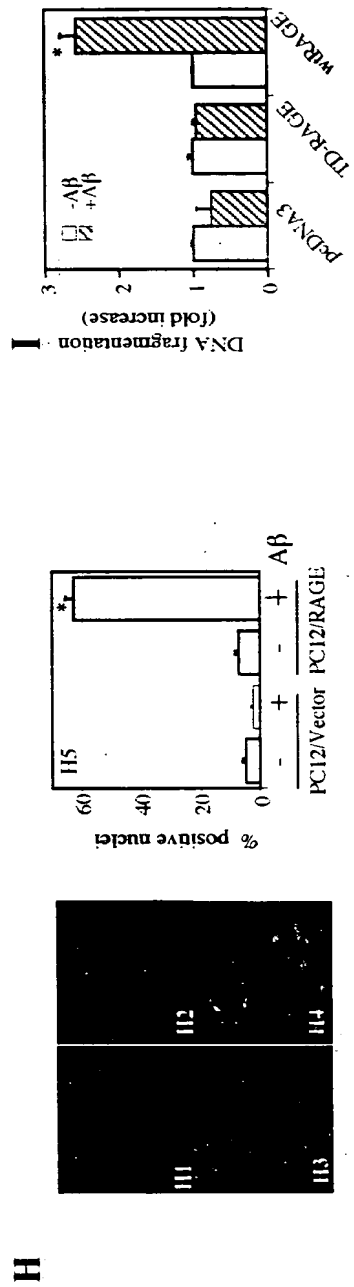
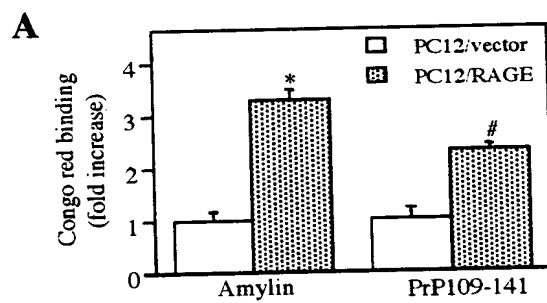


Figure 4 H-I





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Figure 5 B-C

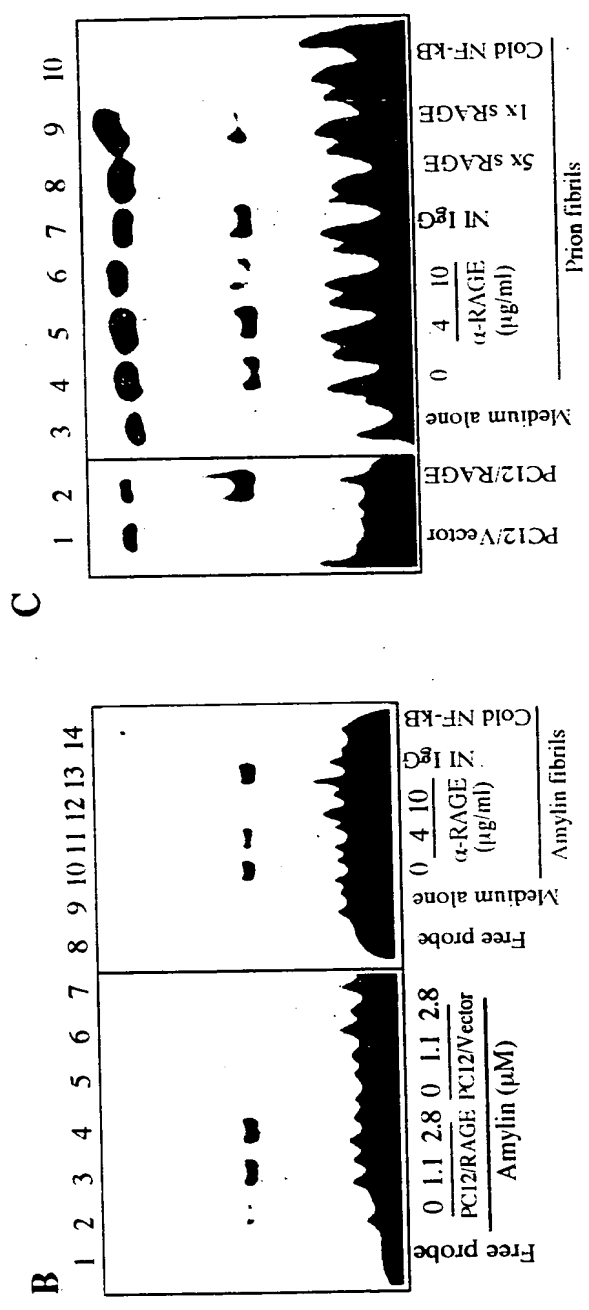


Figure 5 D1-E

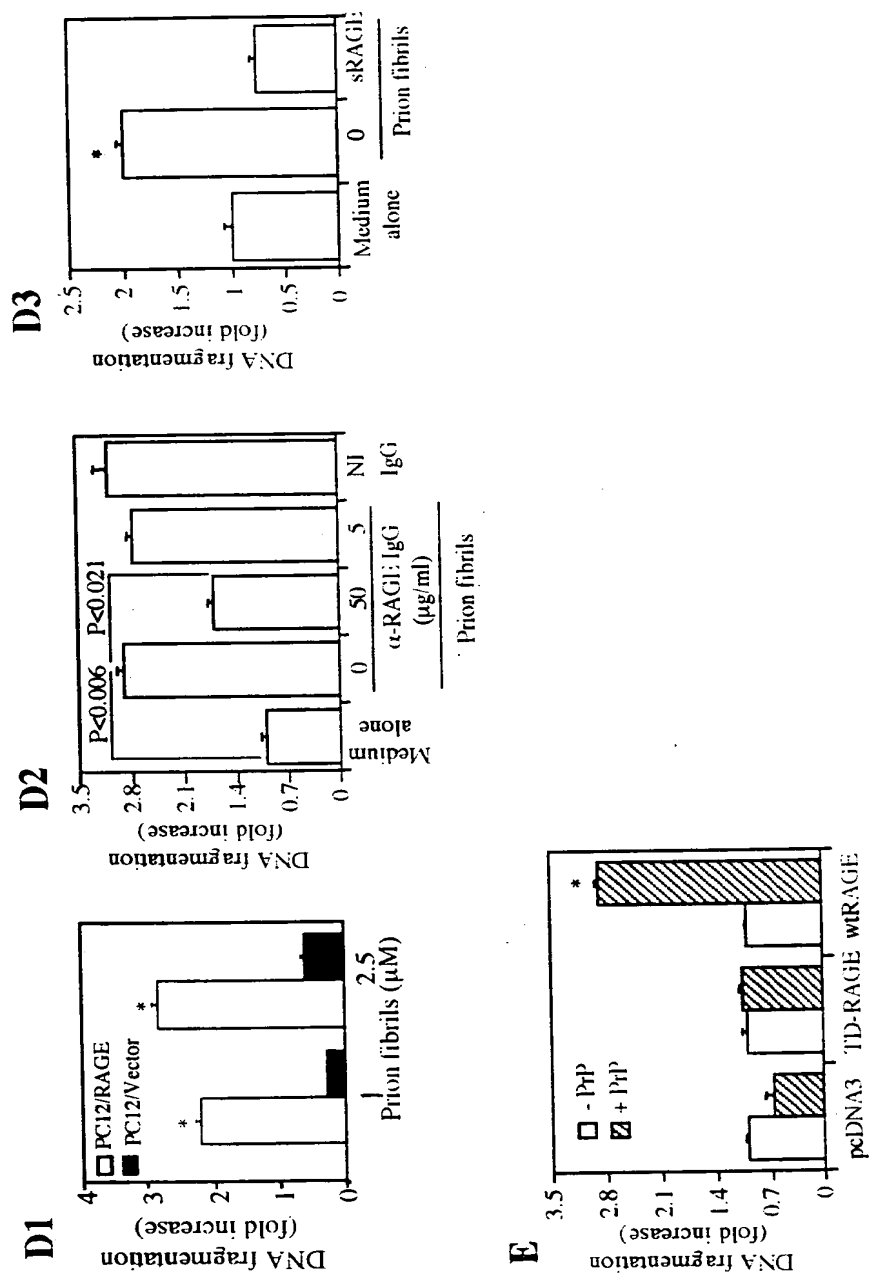
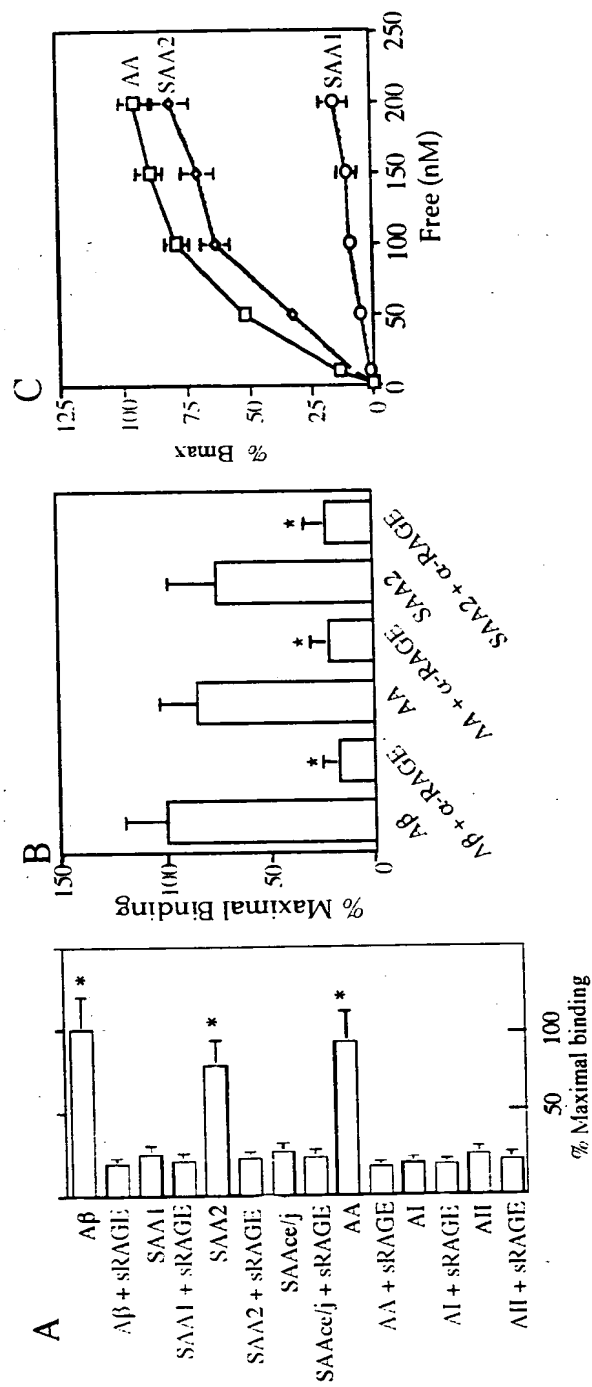




Figure 6 A-C



**Figure 6 D-E**

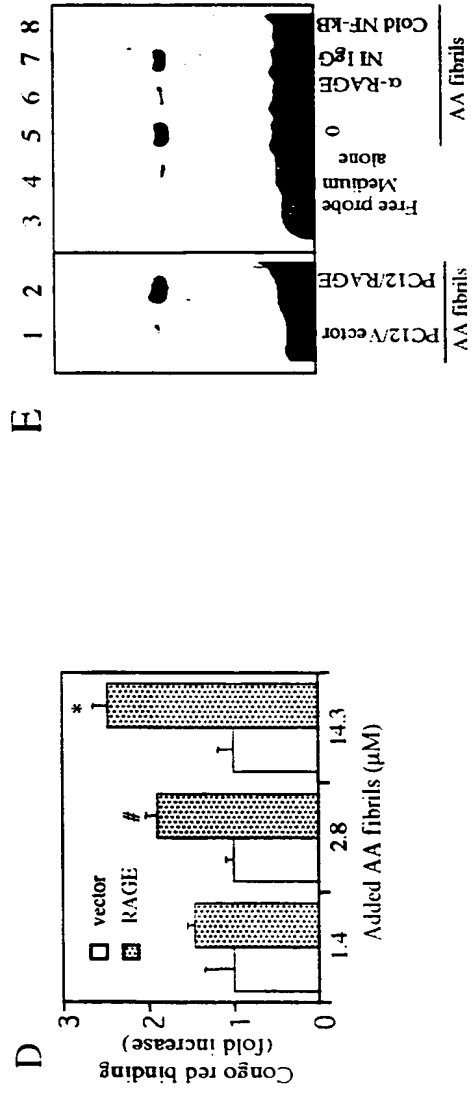
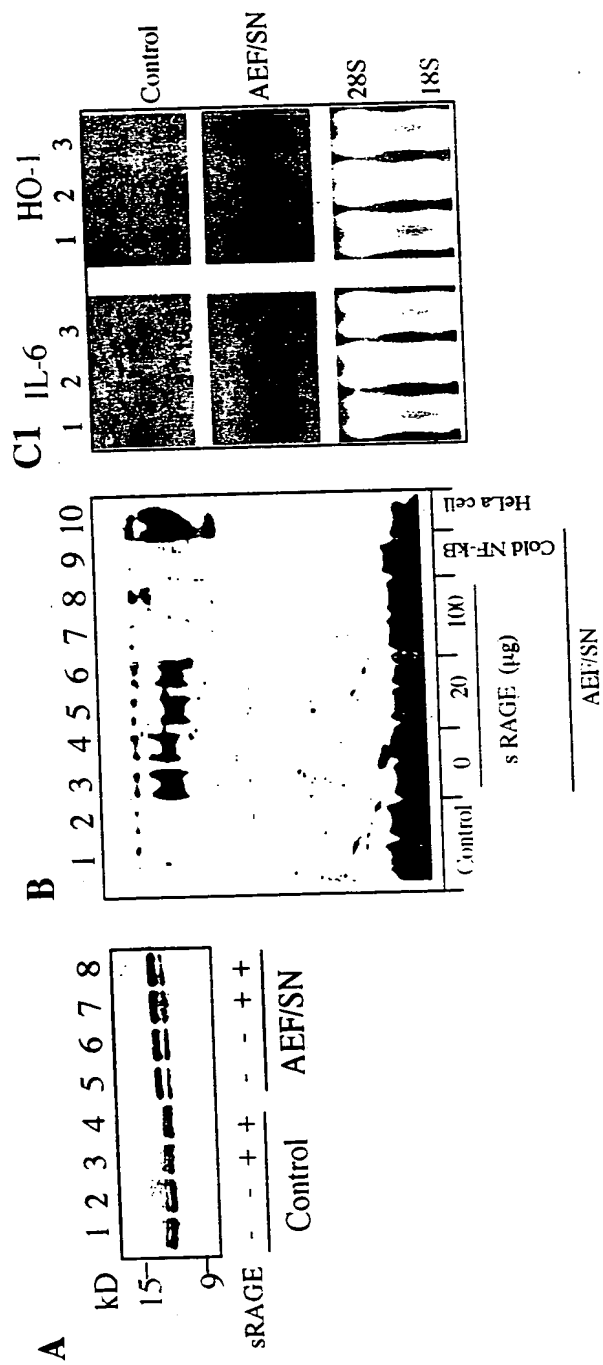
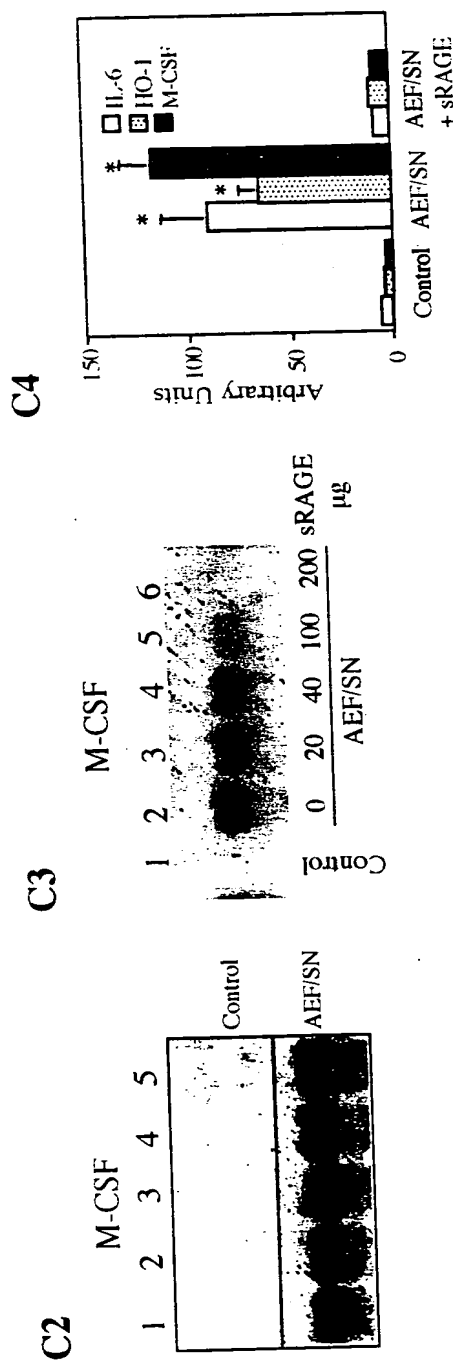


Figure 7 A-C1



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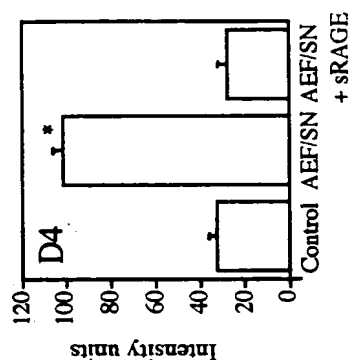
**Figure 7 C2-C4**



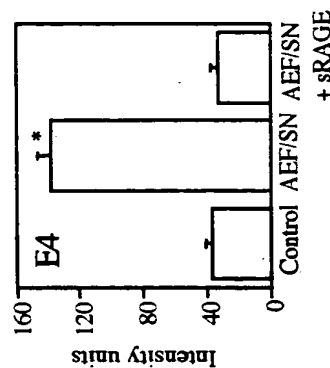
66E180" CF2H2E60

Figure 7 D-E4

D IL-6



E. M-CSF



Dissociation constants for the interaction of RAGE with several peptides in solution evaluated by fluorescence<sup>+</sup>

Peptide	K <sub>d</sub> (nM)	Secondary Structure <sup>#</sup>	Fibrillogenesis*
AB(1-40)	65.87±5.44	90% random	-/+
AB(40-1)	>10 μM	90% random	-
AB(1-42)	22.83±1.88	80% β-sheet	++
Prion-derived peptide (109-141)	>1.5 mM	75% random	-
Amylin	>1.0 μM	ND	-
Amyloid A(2-15)	>10 μM	80% random	-
Erabutoxin B	>1.5 mM	90% β-sheet	-

ND, not determined.

<sup>#</sup>secondary structure was determined by circular dichroism spectroscopy

\*fibrillogenesis was determined by electron microscopy

<sup>+</sup>the fluorescence binding assay is described under Methods.